

**Abstract of the Disclosure**

A method for controlling operation of a flotation cell, where the liquid level and the foam level in the cell are measured and controlled. The method includes measuring at least one quality characteristic of the accept leaving the cell and determining the set value(s) for the liquid level and/or the foam level on the basis of the measured quality characteristic. The method is particularly suitable for flotation of a pulp suspension, particularly in deinking flotation.